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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary)

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Complete if Known

Application Number **10/518163**
Filing Date **December 16, 2004**
First Named Inventor **Rainer BOTT**
Group Art Unit
Examiner Name
Attorney Docket Number **M1211/20018**

Sheet **1** of **2**

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
L.M.		6,134,277		Shah	10-17-2000
L.M.		6,320,919		Khayrallah et al.	11-20-2001

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
L.M.		EP	0 731 587		AT&T Corp.	09-11-1996	
L.M.		WO	00/24168		Ericsson, Inc.	04-27-2000	

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
L.M.		Gligorevic et al.: "A New Approach To Tracking Time-Variant Channels", 5th International Symposium on Wireless Personal Multimedia Communications Proceedings (Cat. No. 02EX568), 5th International Symposium on Wireless Personal Multimedia Communications, Honolulu, HI, USA, 27-30 Oct. 2002, pages 1342-1345, vol. 3, XP002247193 2002, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-7442-8	
L.M.		Diggavi et al.: "Intercarrier Interference in MIMO OFDM", 2002 IEEE International Conference on Communications, Conference Proceedings. ICC 2002 (Cat. No. 02CH37333), Proceedings of IEE International Conference on Communications, New York, NY USA, 28 April-2 May 2002, pages 485-489, vol. 1, XP010589542 2002, Piscataway, NJ USA, IEEE, USA ISBN: 0-7803-7400-2, Section I-II, Abstract	
L.M.		Won GI Jeon et al.: "An Equalization Technique for Orthogonal Frequency-Division Multiplexing Systems in Time-Variant Multipath Channels", IEEE Transactions on Communications, Jan 1999, IEEE, USA, vol. 47, no. 1, pages 27-32, XP002211507, ISSN: 0090-6778, Section I-II, IV, Abstract	
L.M.		Burow et al.: "On The Performance of the DVB-T System In Mobile Environments, IEEE Transactions on Communications, Sept. 1998, pages 2198-2204	
L.M.		Steele: "Mobile Radio Communications", Pentech Press, London, IEEE Press, NY, Chapter 2.3.1	
EXAMINER L. malek		DATE CONSIDERED 07/19/2007	

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Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
L.M.		Fleury: "Channel Parameter Estimation in Mobile Radio Environments Using the SAGE Algorithm", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, March 1999, pages 434-450	
L.M.		Kubo: "Adaptive Maximum-Likelihood Sequence Estimation by Means of Combined Equalization and Decoding in Fading Environments", IEEE Journal on Selected Areas in Communications, Vol. 13, No. 1, January 1995	
L.M.		Pätzold: "Mobilfunk-kanäle", Modellierung, Analyse und Simulation, pages 269-289	
L.M.		Li: "Channel Estimation for OFDM Systems With Transmitter Diversity in Mobil Wireless Channels", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, March 1999, pages 461-471	

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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.